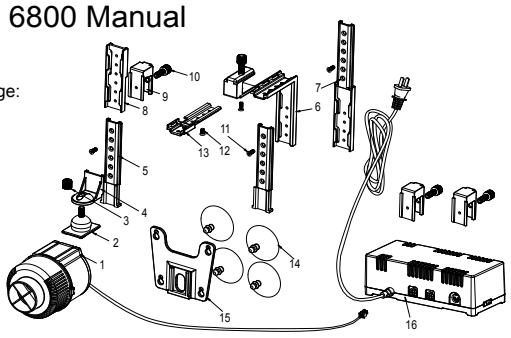
Xwave Pump 6800 Manual

1. Contents of package:



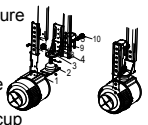
Part NO.	Part Name	Part NO.	Part Name
1	wave pump	9	grip holder
2	rotatable link head	10	lock screw
3	lock nut	11	screw
4	rotatable shelf	12	screw
5	conector panel	13	lengthing connector
6	connector bend	14	cupule
7	lengthing connector	15	fix board for cupule
8	slide block	16	wave pump driver

2. Disposal:
(In accordance with RL2002/96/EG)
The product must not be added to normal household waste. It must be disposed of properly.

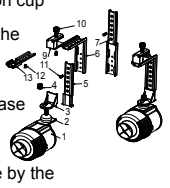
3. General Feature:
Xwave Wave Maker Series is designed to create the most natural simulation of the ocean waves in your tank. It can simulate the pulsing wave and turbulence current, which occur in the natural environment.
Wave pump is operated by means of a 120V/AC (US Model) 230V/AC (EU Model) to 12VDC wave pump driver box. It creates a high flow volume at moderate speeds. By the Xwave Multicontrol System, the speed can be continuously controlled to execute the preset prorgam (For details of the Xwave multicontrol system, please refer to the corresponding operating manual). It also can be used with Xwave Rotary Machine to make the current upgraded from 1 dimension to 2 dimension level (For details of the Xwave Rotary Machine, please refer to the corresponding operating manual).

4. Safety Instruction:
1. The main voltage must be corresponding to the operating voltage of the Xwave indicated.
2. The wave pump driver box must be placed at a dry and ventilated position which is free from water splashing.
3. Do not operate pump without water.
4. Disconnect all the electric units when you are working with the aquarium.
5. Never remove the plugs of the wave pump from the wave pump driver box as long as it is connected with electricity.

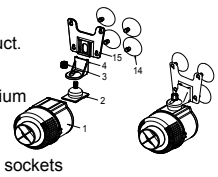
4. Safety Instruction:
6. The wave pump can only work with the original wave pump driver box.
7. Maximum operating temperature of aquarium waster: +40degree Celsius
8. Please read the manual before use. Keep it in a safe place for future reference.



5. Attaching the wave pump to vertical aquarium pane:
1. The package contains several components of the product. Please assemble step by step according to the figure right .
2. se the plastic screw (11) to fix the position and place the suction cup on the back of the pump.
3. ount the whole set of Xwave to the vertical aquarium pane by the plastic screw (10)

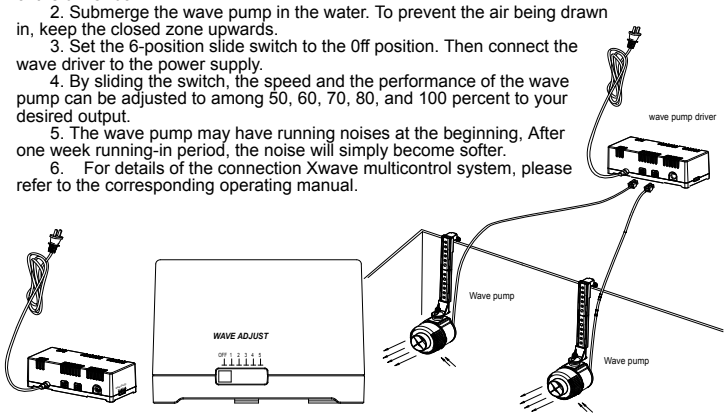


6. Attaching the wave pump to horizontal aquarium pane:
1. The package contains several components of the product. Please assemble step by step according to the figure right .
2. Use the plastic screw (11)(12) to fix the position and place the suction cup on the back of the pump.
3. Mount the whole set of Xwave to the horizontal aquarium pane by the plastic screw (10)



7. Attaching the wave pump by the cupule holder:
1. The package contains several components of the product. Please assemble step by step according to the figure right.
2. Place the cupule on the back of the pump.
3. Mount the whole set of Xwave to plain surface of aquarium by the cupule holder.

8. Beginning operation for wave Pump:
1. Please assemble the pump plug into the corresponding sockets of the dirver box.
2. Submerge the wave pump in the water. To prevent the air being drawn in, keep the closed zone upwards.
3. Set the 6-position slide switch to the 0ff position. Then connect the wave driver to the power supply.
4. By sliding the switch, the speed and the performance of the wave pump can be adjusted to among 50, 60, 70, 80, and 100 percent to your desired output.
5. The wave pump may have running noises at the beginning, After one week running-in period, the noise will simply become softer.
6. For details of the connection Xwave multicontrol system, please refer to the corresponding operating manual.



9. Blocking:
When the pump is blocked for 3 seconds, an alarm in the wave driver box is activated, at the same time the wave pump is switched off. After removal of the blockage, the pump will start again automatically.

10. Automatic rinsing process:
In order to clean the water inlet suction housing, set the pump to 100 percent output, and uses your hand to close up the water outlet for 10 seconds. Then all dirt and scum trapped by the suction housing would be removed by the turbulences produced.
We suggest to this process, however, cannot substitute the disassembling and cleaning of the pump.

11. Guarantee:
One year guarantee is provided for the wave pump after the date of purchase covering all material and workmanship defects. (Method: Defective units should be returned well-packed, together with the sales slip, to the retailer or the manufacturer. Unpaid consignments will not be accepted and will be returned to the sender immediately.)
Exclusion from guarantee
The guarantee does not cover any damage caused by incorrect handling and any technical modification made by the user.
Sand and lime deposits may increase the wear of the bearings considerably and can lead it to exclusion from guarantee (see cleaning the pump)

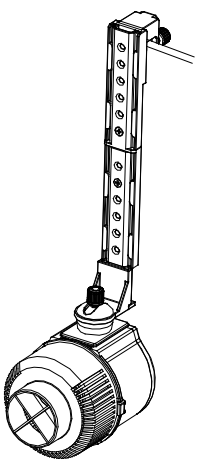
12. Troubleshooting:
Before requesting service, check the following chart

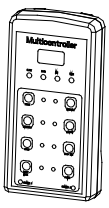
Condition	Speculation	Counter-measures
The pump does not work	1. Blockage in the pump	1. Disassembel andclean the pump
The noise from the pump	1. Some particles indide the motor. 2. The baring worn affer an edtensive usage.	1. Disasseble and clean the pump. 2. Replace the propeller
The pump furs	1. Overdose of lime additives, e.g. Cause lime deposites on the bearing parts.	1. Reduce the lime additive or submerge the pump in a 10L(2.6gal.) bucket, half full with wather and 20mL of vinegar essence. Allow the pumpto run for one to two rs. Avoid splashes! Subsequently, thoroughly rines by tap water.
The pump stops, and the driver box alarms.	The drive unit is jammed due to wear, lime, small fish or snail.	Remove the blockage Clean the pump and replace the drive unit, if necessary. The pump will start operating again automatically.

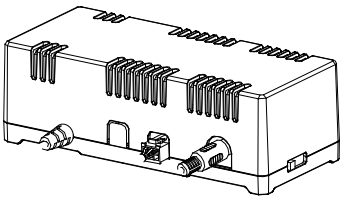
An Extra-Ordinary Wave-maker

XWAVE

Xwave Pump 6800
User Manual







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